

SHOVELS AND SCOOPS

General

The entire energy of the plant is thus devoted to the making of a single line of tools employed principally on the railroads. The company's broad guarantee of its product insures the quality which is essential to economical maintenance.

The blades of Union Furnace shovels are made of high carbon crucible or open hearth steel, and the handles of selected northern white ash or hickory. For supplying its needs in the latter item the company has access to the best grades of ash and hickory wood. The shovels are inspected carefully for defects of workmanship and are given a factory test before being shipped. They are put up in bundles of six.

The shovels are furnished with malleable D grip, wood D grip or split D grip. The blades are polished when required, but for nearly all uses the black finish is recommended in preference. In the latter Maintenance Shovel the hard, wear-resisting surface of the steel is not removed, as occurs in polishing, which exposes the fibres of the steel to rust, deterioration and rapid wear.

The Union Furnace Manufacturing Company maintains branch offices at New York City, Boston, Mass., Philadelphia, Pa., and Baltimore, Md.

Union Furnace Track Shovels

The square point shovel is employed in maintenance work for surfacing track, cleaning up roadway and handling the heavier bulk materials. The Union Furnace Manufacturing Company's track shovel is called the "R. R. and Contractor's Special," and is made in two sizes: Nos. 2 and 3, and in two grades, 1st Portage and 2nd Portage. The first grade is made of high carbon crucible steel of from 0.70 to 0.90 carbon, and the second grade of open hearth steel of about 0.70 carbon.

The 1st Portage shovels are guaranteed to stand



Union Furnace Track Shovel

a test with 200 lb. suspended from the handle while the blade is clamped in place at its mouth. This in a manner duplicates the way the trackman sometimes misuses the shovel in spite of instructions to the contrary. The best grade of northern white ash

The Union Furnace Manufacturing Company, Inc., Altoona, Pa., is a manufacturer of shovels, scoops, spades, ditching and drain tools and telegraph spoons and shovels.

Union Furnace Dirt Shovels

is used in the handles of the No. 1 grade shovels, while that used in the No. 2 grade is the XX grade. The round point shovel is preferred for all grading operations. The Union Furnace Manufacturing Company makes two grades of dirt shovels, the Vulcan and the Monarch, and these are furnished in any one of the three grips. This type of blade is also supplied with the long handle for use in the digging of holes.



Union Furnace Long Handle Shovel

These shovels are warranted to stand up well in the hard service in which they are generally employed.

Union Furnace Snow Shovel

The snow shovel manufactured by the Union Furnace Manufacturing Company is distinctly not a one-season shovel and for this object is made only in the first grade. It is of No. 15 gage metal, of 0.40 carbon steel and is thoroughly tested to insure durable service in the important



Union Furnace Snow Shovel

operation of handling snow. The company supplies samples of this tool to prospective buyers.

Union Furnace Scoops, Etc.

The scoop is generally subjected to a severe test in the handling of cinders and other abrading materials. Union Furnace Scoops are made in the Eastern and Western patterns of the hollow back or riveted back designs, and in all required sizes, the No. 3 being a common preference. These scoops are correctly designed to provide efficient as well as durable service, both in maintenance and in the more exacting operation of handling coal on locomotives. The telegraph spoons and shovels are of Eastern and Western designs and are made only in the first grade, with handles of selected hickory.



Scoop

UNION FURNACE MFG. CO., ALTOONA, PA.